



Complete Summary

TITLE

Assessment and management of acute pain: after 48 hours, the percentage of patients who rate pain greater than 4 (on a 10-point scale) or at an unacceptable level to patient.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Assessment and management of acute pain. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Mar. 68 p. [118 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Outcome

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of patients who, after 48 hours, rate pain greater than 4 (on a 10-point scale) or at an unacceptable level to patient.

RATIONALE

The priority aim addressed by this measure is to improve the appropriate selection and dosing of pain management treatment.

PRIMARY CLINICAL COMPONENT

Acute pain; patient rating (pain greater than 4 [on a 10-point scale] or "pain unrelieved" or "pain uncontrolled")

DENOMINATOR DESCRIPTION

Total number of adult patients reviewed

NUMERATOR DESCRIPTION

Number of patients from the denominator with documentation within 48 hours of procedure or admission:

- Numerical score documented as greater than 4 (on a 10-point scale)

OR

- Narrative descriptions of "pain unrelieved," "pain uncontrolled"

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Assessment and management of acute pain.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Adult patients

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Getting Better

IOM DOMAIN

Effectiveness
Timeliness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Adult patients reviewed

Patients within the preceding month can be randomly sampled to produce a list of at least 20 records for review. Selected records are audited to see if an assessment of pain was completed and documented within 48 hours of the procedure or admission and if the last score was rated greater than four on a ten point scale.

Data can be collected monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Total number of adult patients reviewed

Exclusions

Unspecified

DENOMINATOR (INDEX) EVENT

Clinical Condition

Institutionalization

Therapeutic Intervention

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of patients from the denominator with documentation within 48 hours of procedure or admission:

- Numerical score documented as greater than 4 (on a 10-point scale)

OR

- Narrative descriptions of "pain unrelieved," "pain uncontrolled"

Exclusions

Unspecified

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Medical record

LEVEL OF DETERMINATION OF QUALITY

Not Individual Case

OUTCOME TYPE

Clinical Outcome

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a lower score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

After 48 hours, the percentage of patients who rate pain greater than 4 (on a 10-point scale) or at an unacceptable level to patient.

MEASURE COLLECTION

[Assessment and Management of Acute Pain Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2004 Mar

REVISION DATE

2006 Mar

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Assessment and Management of Acute Pain. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Mar. 66 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Assessment and management of acute pain. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Mar. 68 p. [118 references]

MEASURE AVAILABILITY

The individual measure, "After 48 hours, the percentage of patients who rate pain greater than 4 (on a 10-point scale) or at an unacceptable level to patient", is published in "Health Care Guideline: Assessment and Management of Acute Pain." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](http://www.icsi.org).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

This NQMC summary was completed by ECRI on July 27, 2004. This NQMC summary was updated by ECRI on March 29, 2006.

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